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In [8]: #Introduction to classes
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```
In [9]: class Users:
        def createname(self, name):
            self.name = name

        def displayname(self):
            print(f"{self.name}")

        def greetuser(self):
            print(f"Welcome back, {self.name}")
```

```
In [10]: xobj = Users()
xobj.createname('Muzakkir')
xobj.displayname()
```

Muzakkir

```
In [11]: xobj.greetuser()
```

Welcome back, Muzakkir

```
In [ ]:
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```
In [18]: class Pizza:
        def createp(self, base):
            self.base = base

        def displayname(self):
            print(f"You selected, {self.base}")
```

```
def greetuser(self):  
    print(f"The best base is, {self.base}")
```

```
In [19]: xobj = Pizza()  
xobj.createp('Thin')  
xobj.displayname()
```

You selected, Thin

```
In [20]: xobj.greetuser()
```

The best base is, Thin

```
In [ ]:
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In [21]: #Introduction to constructor
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In [ ]:
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```
In [22]: class Cat:  
        """Creating a cat class"""  
  
        def __init__(self, name, age):  
            self.name = name  
            self.age = age  
            print("This is executed ")  
        def sit(self):  
            print(f"{self.name} is now sitting")  
        def roll_over(self):  
            print(f"{self.name} is now rolling over")  
        def jump(self):  
            print(f"{self.name} is now jumping")  
        def details(self):  
            print(f"{self.name} is now {self.age} years old")
```

```
In [30]: test = Cat('oreo', 2)
```

```
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----  
TypeError                                 Traceback (most recent call l  
ast)  
<ipython-input-30-35bd960179b8> in <module>  
----> 1 test = Cat('oreo', 2)  
  
TypeError: Cat() takes no arguments
```

```
In [ ]:
```